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Vasant Kunj, New Delhi, Delhi 110070 (IN). **DASTIDAR, Sunanda, Ghose** [IN/IN]; B-138, Sarita Vihar, New Delhi, Delhi 110044 (IN).

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(74) Common Representative: **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).

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(71) Applicant (for all designated States except US): **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110019 (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PALLE, Venkata, P.** [IN/IN]; D-011, Oakwood Estate, Akashneem Marg, DLF - Phase - II, Gurgaon, Haryana 122001 (IN). **BALACHANDRAN, Sarala** [IN/IN]; A-6, National Institute of Immunology, Aruna Asif Ali Marg, New Delhi, Delhi 110067 (IN). **GUPTA, Nidhi** [IN/IN]; J-160, Vikaspuri, New Delhi, Delhi 110018 (IN). **KUKREJA, Gagan** [IN/IN]; LD-166, Pitampura, Delhi, Delhi 110088 (IN). **KHERA, Manoj, Kumar** [IN/IN]; #2682, Inside Kot, Ganaur City, Sonapat, Haryana 131101 (IN). **BAREGAMA, Lalit, Kumar** [IN/IN]; Chyawan-Bhavan, Adarsh Nagar, Kapasan, Chittorgarh, Rajasthan 312202 (IN). **MANDADAPU, Raghuramalah** [IN/IN]; Mandepudi, Amrawati, Guntur, Andhra Pradesh 522018 (IN). **RAY, Abhijit** [IN/IN]; Sector C-1, Flat No. 1408,

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(54) Title: **PHOSPHODIESTERASE INHIBITORS**

(57) Abstract: The present invention relates to isoxazoline derivatives and their analogues, which can be used as phosphodiesterase (PDE) type IV selective inhibitors. Compounds disclosed herein can be useful in the treatment of AIDS, asthma, arthritis, bronchitis, chronic obstructive pulmonary disease (COPD), psoriasis, allergic rhinitis, shock, atopic dermatitis, Crohn's disease, adult respiratory distress syndrome (ARDS), eosinophilic granuloma, allergic conjunctivitis, osteoarthritis, ulcerative colitis and other inflammatory diseases especially in humans. Processes for the preparation of disclosed compounds, pharmaceutical compositions containing the disclosed compounds, and their use as PDE type IV selective inhibitors, are provided.



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